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**AUG 06 2009**

**Patent Application**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

ALLEN K. MURRAY

Serial No. 10/501,577

Filed: August. 23, 2005

For: **ENZYMATIC DEGRADATION OF  
COTTON FIBERS: EFFECT OF PROTEIN  
CROSS-LINKING AND THE USE OF  
DEGRADATION TO CHARACTERIZE  
FIBERS OF PLANTS OF DIFFERENT  
GENETIC BACKGROUNDS**

PATENT APPLICATION

Examiner: Ami Kahn

Group Art Unit: 1796

July 06, 2009

Irvine, California 92614

Assistant Commissioner of Patents  
Washington, D.C. 20231

**RE: Response to Communication**

Dear Sir or Madam:

In response to the Office communication mailed on December 19, 2008.

**Ammendments to Claims:**

**I Claim:**

**1. [Original]** A method of improving fabric properties comprising treating cotton fibers with a chemical reagent which forms covalent bonds with amino groups present within the fibers.